If you are using a printed copy of this procedure, and not the on-screen version, then you MUST make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A

## C-A OPERATIONS PROCEDURES MANUAL

#### **ATTACHMENT**

### 4.120.72.b LINAC Gate Tests

C-A-OPM Procee	dures in which this A	ttachment is used.
4.120.72		

### **Hand Processed Changes**

HPC No.	<u>Date</u>	Page Nos.	<u>Initials</u>
Approved: _	Sioni	ature on File	
		rator Department Chair	man Date

### 4.120.72.b LINAC Gate Tests

# PASS ANNUAL ACCEPTANCE TEST PROTOCOL

Division A Software Filename and Checksum: Title:	Checksum:
Division B Software Filename and Checksum: Title:	Checksum:
<u>Initial testing complete</u> :	
Test Team Leader's Name (Print):	Life Number:
Test Team Leader's Name (Sign):	Date:/
Acceptance test procedure complete (following repairs and retesting if required):	
Test Team Leader's Name (Print):	Life Number:
Test Team Leader's Name (Sign):	Date:/
<u>Test results reviewed by</u> :	
Safety Section Head's Name (Print):	Life Number:
Safety Section Head's Name (Sign):	Date:/
Test results accepted by Radiation Safety Committee:	
RSC Member's Name (Print):	Life Number:
RSC Member's Name (Sign):	Date:/

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## 1.1 CONDUCT Visual check on LINAC doors following Table-1, below

	Micro S	witch	Verify		Verify		
Gate	Verify Align OK	Verify Opern OK	Elec Wiring OK	Verify Gate Box OK	Open/Close Fctns OK	Verify all x's Corr.	Inspn OK Init.
AGS/HEBT							
НЕВТ							
BLIP							
PLUG							
Plug Door Swing (PDS)							
Tank9							
Tank1							

**Legend:** Tick = O.K. x = Problem N/A = Not Applicable

**Table 1: Summary of Physical Inspection of LINAC Gates** 

☐ Check for acceptance of Visual check on LINAC gates

If the AGS/HEBT and Linac/HEBT gate test v and 1.3 are not required.	NOTE: were tested as part of OPM 4.120.22.b or 4.120.62.b, then sections 1.2
Tested in 4.120.22.b □ or 4.120.62.b □ Name	Date Signed

# 1.2 Test of AGS/HEBT (A/H) gate

VERIFY	Hardware □, Electrical □ at <b>A/H</b> gate is	O.K.
PLACE	Linac in Restricted Access (RA) at encl 4880 with BNL-3 key and green P/B	
VERIFY	Linac is in	RA
VERIFY	Attempt to open A/H gate with AA256 key from AGS side	SUCCESSFUI
OPEN CLOSE VERIFY VERIFY VERIFY CLOSE VERIFY VERIFY	Crash Glass switch  A/H gate □  Attempt to open A/H gate without a key from AGS side  At encl 4880 relay EK10 is  A/H Crash light at encl 4880 is  Crash light at A/H gate is  Crash Glass switch and leave closed  At encl 4880 relay EK10 is  A/H Crash light at encl 4880 is  Crash light at A/H gate is	SUCCESSFUI OFF ON OFF ON OFF ON
HOLD VERIFY OPEN VERIFY CLOSE VERIFY OPEN VERIFY	Gate MS and Electric Strike (ES) Gate lamp □ and ES lamp □ are Gate MS Gate lamp □ and ES lamp □ are Gate MS and hold Gate lamp □ and ES lamp □ are ES Gate lamp is ES lamp is	CLOSED ON OFF CLOSED ON ON OFF
OPEN CLOSE VERIFY VERIFY OPEN VERIFY VERIFY	A/H gate Gate redundant (GR) microswitch (MS) At encl 4880 relay EK11 is At encl 4880 A/H N/Closed light is GR MS At encl 4880 relay EK11 is At encl 4880 A/H N/Closed light is	ON OFF OFF ON
CLOSE VERIFY	A/H gate A/H gate is	CLOSED
VERIFY	Attempt to reset A/H gate with BNL-3 key from Linac side	FAIL
VERIFY VERIFY VERIFY VERIFY	At <b>A/H</b> gate-box <b>N/Reset</b> light is At <b>A/H</b> gate-box <b>Reset</b> light is At encl 4880 relay <b>EK9</b> is At encl 4880 <b>N/Reset</b> light is	ON OFF OFF ON

	PLACE	Linac in Controlled Access (CA) at encl 4880 with BNL-3 key and P/B	
	VERIFY	At A/H gate-box RA light is	OFF
	VERIFY	Linac is in	CA
Ц	VEXIF 1	Linde is in	CA
	VERIFY	At <b>A/H</b> gate-box <b>N/Reset</b> light is	ON
	VERIFY	At A/H gate-box Reset light is	OFF
	VERIFY	At encl 4880 relay <b>EK9</b> is	OFF
	VERIFY	At encl 4880 <b>N/Reset</b> light is	ON
	V EXXII 1	The one 1000 1 ( Respect light is	OIT
	VERIFY	At N322 gate-box N/Reset light is	ON
	VERIFY	At N322 gate-box Reset light is	OFF
_			
	RESET	A/H Gate with BNL-3 key from the Linac side	
	*******		0.37
	VERIFY	Timer On light	ON
_	T/EDIET/	Time Timer On light	
	VERIFY	TimerOn light goes out after	~1 min
	VERIFY	At A/H gate-box N/Reset light is	OFF
	VERIFY	At A/H gate-box Reset light is	ON
	VERIFY	At encl 4880 relay <b>EK9</b> is	ON
	VERIFY	At encl 4880 <b>N/Reset</b> light is	OFF
	VERIFY	That on the AGS side of the A/H gate the reset for TTB do not enter	ILLUMINATE
		sign	D BY 2 BULBS
	VERIFY	Attempt to open gate with MCR S/R and AA256 key from AGS side	FAIL
	VERIFY	At A/H gate-box N/Reset light is	OFF
	VERIFY	At A/H gate-box Reset light is	ON
		At encl 4880 relay <b>EK9</b> is	
	VERIFY		ON
	VERIFY	At encl 4880 <b>N/Reset</b> light is	OFF
	VERIFY	Attempt to open gate with MCR S/R and H715 key from AGS side	SUCCESSFUL
	VERIFY	At A/H gate-box N/Reset light is	ON
	VERIFY	At A/H gate-box Reset light is	OFF
	VERIFY	At encl 4880 relay <b>EK9</b> is	OFF
		· · · · · · · · · · · · · · · · · · ·	
	VERIFY	At encl 4880 N/Reset light is	ON
	CLOSE	A/H gate	
	VERIFY	Attempt to reset A/H gate with H715 key from AGS side	FAIL
	,	The map to 1000012/22 gain with 22/20 hop from 12 of old	
	VERIFY	At <b>A/H</b> gate-box <b>N/Reset</b> light is	ON
	VERIFY	At A/H gate-box Reset light is	OFF
	VERIFY	At encl 4880 relay <b>EK9</b> is	OFF
	VERIFY	At encl 4880 <b>N/Reset</b> light is	ON
_	PLACE	Linac in Restricted Access (RA) at encl 4880 with BNL-3 key and	
		green P/B	
	VERIFY	Linac is in	RA
	VERIFY	At A/H gate-box RA light is	ON
	,		J.,
	VERIFY	Attempt to reset A/H gate with BNL-3 key from Linac side	FAIL
	VERIFY	At <b>A/H</b> gate-box <b>N/Reset</b> light is	ON
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011 011	,		
		Au	gust 23, 2006

VERIFY VERIFY	At <b>A/H</b> gate-box <b>Reset</b> light is At encl 4880 relay <b>EK9</b> is	OFF OFF
VERIFY	At encl 4880 <b>N/Reset</b> light is	ON
VERIFY	At encl 4521 relay <b>FK9</b>	OFF
VERIFY	Attempt to reset A/H gate with <b>H705</b> key from <b>AGS</b> side	SUCCESSFUL
VERIFY	That on the AGS side of the <b>A/H</b> gate the reset for TTB do not enter sign	ILLUMINATE D BY 2 BULBS
VERIFY	At encl 4521 relay <b>FK9</b>	ON
VERIFY	At <b>A/H</b> gate-box <b>N/Reset</b> light is	ON
VERIFY	At <b>A/H</b> gate-box <b>Reset</b> light is	OFF
VERIFY	At encl 4880 relay <b>EK9</b> is	OFF
VERIFY	At encl 4880 <b>N/Reset</b> light is	ON
	Open and close A/H gate with AA256 key from AGS side	
VERIFY	At encl 4521 relay <b>FK9</b>	OFF
VERIFY	That on the AGS side of the <b>A/H</b> gate the reset for TTB do not enter sign	OFF
PLACE	AGS in Controlled Access (CA) at encl 4880 with H693 key and P/B	
VERIFY	At A/H gate-box RA light is	OFF
VERIFY	Attempt to reset N322 gate with H715 key from AGS side	SUCCESSFUL
VERIFY	At N322 gate-box N/Reset light is	OFF
VERIFY	At N322 gate-box Reset light is	ON
VERIFY	Attempt to reset A/H gate with BNL-3 key from Linac side	FAIL
VERIFY	At A/H gate-box N/Reset light is	ON
VERIFY	At <b>A/H</b> gate-box <b>Reset</b> light is	OFF
VERIFY	At encl 4880 relay <b>EK9</b> is	OFF
VERIFY	At encl 4880 <b>N/Reset</b> light is	ON
VERIFY	Allow a minimum delay of 2 min after reset of <b>N322</b> gate Attempt to reset <b>A/H</b> gate with <b>H715</b> key from <b>AGS</b> side	FAIL
VERIFY	At <b>A/H</b> gate-box <b>N/Reset</b> light is	ON
VERIFY	At A/H gate-box Reset light is	OFF
VERIFY	At encl 4880 relay <b>EK9</b> is	OFF
VERIFY	At encl 4880 <b>N/Reset</b> light is	ON
	Open and close N322 gate	
VERIFY	Attempt to reset N322 gate with H715 key from AGS side	SUCCESSFUL
VERIFY	At N322 gate-box N/Reset light is	OFF
VERIFY	At N322 gate-box Reset light is	ON
VERIFY	Within 1 min of resetting N322 gate attempt to reset $A/H$ gate with H715 key from $AGS$ side	SUCCESSFUL
VERIFY	At A/H gate-box N/Reset light is	OFF
VERIFY	At A/H gate-box Reset light is	ON
VERIFY	At encl 4880 relay <b>EK9</b> is	ON
VERIFY	At encl 4880 <b>N/Reset</b> light is	OFF
Check for	acceptance of Test of AGS/HEBT gate	

# 1.3 Test of Linac HEBT (HEBT) gate

VERIFY PLACE	Hardware □, Electrical □ at <b>HEBT</b> gate is Linac in Restricted Access ( <b>RA</b> ) at encl <b>4880</b> with <b>BNL-3</b> key and green <b>P</b> ( <b>P</b> )	O.K.
VERIFY	green P/B Linac is in	RA
VERIFY VERIFY	HP switch is in local P/B Attempt to open HEBT gate with local P/B	DISABLE FAIL
VERIFY VERIFY	HP switch is in local P/B Attempt to open HEBT gate with local P/B	ENABLE SUCCESSFUL
OPEN VERIFY CLOSE VERIFY	Crash Glass switch Crash light at HEBT gate Crash Glass switch and leave closed Crash light at HEBT gate is	OFF ON
HOLD VERIFY OPEN	Gate MS and Electric Strike (ES) Gate lamp □ and ES lamp □ are Gate MS	CLOSED ON
VERIFY CLOSE VERIFY	Gate lamp □ and ES lamp □ are Gate MS and hold Gate lamp □ and ES lamp □ are	OFF CLOSED ON
OPEN VERIFY VERIFY	ES Gate lamp is ES lamp is	ON OFF
OPEN CLOSE VERIFY VERIFY OPEN VERIFY VERIFY	HEBT gate Gate redundant (GR) microswitch (MS) At encl 4880 relay IK12 is At encl 4880 HEBT N/Closed light is GR MS At encl 4880 relay IK12 is At encl 4880 HEBT N/Closed light is	ON OFF OFF ON
CLOSE VERIFY	HEBT gate HEBT gate is	CLOSED
VERIFY VERIFY VERIFY RESET VERIFY VERIFY VERIFY	Latch OK light on gate box is  Reset for TTB light on gate box is  Reset for TTB light on gate is  At encl 4521 relay FK8  HEBT gate for TTB with H705 key  Reset for TTB light on gate box is  Reset for TTB light on gate is  At encl 4521 relay FK8	ON OFF OFF ON ON OFF
OPEN PLACE VERIFY	HEBT gate Linac in Controlled Access (CA) at encl 4880 with BNL-3 key and P/B Linac is in	CA
VERIFY VERIFY VERIFY	HEBT gate-box Reset light is At encl 4880 relays FK1 □ and IK8 □ are At encl 4880 N/Locked light is HEBT gate-box Area Reset light is	OFF OFF ON OFF

	VERIFY	Attempt to reset HEBT Gate with ME-17 key	FAIL	
	VERIFY	At <b>special reset box</b> at <b>N322</b> gate ready light is At <b>special reset box</b> at <b>N322</b> gate push <b>Reset P/B</b>	ON	
	VERIFY	At special reset box at N322 gate push Reset F7B  At special reset box at N322 gate reset light is	ON	
	VERIFY	HEBT gate-box Area Reset light is	ON	
Ш	VEXIF 1	TEDI gaic-box Arca Reset fight is	OIT	
	VERIFY	Attempt to reset HEBT Gate with ME-17 key	SUCCESSFUL	
	VERIFY	HEBT gate-box Gate Reset light is	ON	
	VERIFY	At encl 4880 relay <b>FK1</b> □ and <b>IK8</b> □ are	ON	
	VERIFY	At encl 4880 <b>N/Locked</b> light is	OFF	
	VERIFY	<b>Reset for TTB</b> light on gate box is	OFF	
	VERIFY	Reset for TTB light on gate is	OFF	
	VERIFY	At encl 4521 relay <b>FK8</b>	OFF	
	VERIFY	Attempt to open gate with local P/B	SUCCESSFUL	
	VERIFY	At HEBT gate-box Gate Reset light is	OFF	
	VERIFY	At encl 4880 relay <b>FK1</b> □ and <b>IK8</b> □ are	OFF	
	VERIFY	At encl 4880 <b>N/Locked</b> light is	ON	ı
_	CLOSE	HEBT gate		
	□ Check f	for acceptance of Test of Linac HEBT gate		
	VERIFY PLACE	Hardware □, Electrical □ at <b>BLIP</b> gate is Linac in Restricted Access ( <b>RA</b> ) at encl <b>4880</b> with <b>BNL-3</b> key and	О.К.	
П	VERIFY	green P/B Linac is in	RA	
П	VEXIF 1	Effice is in	IXA.	
	VERIFY	HP switch is in local P/B	DISABLE	
	VERIFY	Attempt to open BLIP gate with local P/B	FAIL	
	VERIFY	HP switch is in local P/B	ENABLE	
П	VERIFY	Attempt to open <b>BLIP</b> gate with <b>local P/B</b>	SUCCESSFUL	
	,	successful open 2212 gaile with some six	5000255102	
	OPEN	Crash Glass switch		
	VERIFY	At <b>encl 4880</b> relay <b>IK13</b> is	OFF	
	CLOSE	Crash Glass switch and leave closed		
	VERIFY	At encl 4880 relay <b>IK13</b> is	ON	
	HOLD	Gate MS and Electric Strike (ES)	CLOSED	
	VERIFY	Gate lamp □ and ES lamp □ are	ON	
_	OPEN	Gate MS		
	VERIFY	Gate lamp   and ES lamp   are	OFF	
	CLOSE	Gate MS and hold	CLOSED	
	<b>VERIFY</b>	<b>Gate</b> lamp $\square$ and <b>ES</b> lamp $\square$ are	ON	
	OPEN	ES	0.55	
	VERIFY	Gate lamp is	ON	
	VERIFY	ES lamp is	OFF	
	OPEN	Gate <b>redundant</b> ( <b>GR</b> ) microswitch		
	VERIFY	At encl 4880 relay <b>IK13</b> is	OFF	
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	VERIFY VERIFY	At encl 4880 <b>BLIP</b> Door Redun. N/Closed light is <b>GR</b> light at <b>BLIP</b> gate is	ON OFF
ш	CLOSE	GR MS	
	VERIFY VERIFY	At encl 4880 relay <b>IK13</b> is At encl 4880 <b>BLIP</b> Door Redun. N/Closed light is	ON OFF
	VERIFY	GR light at BLIP gate is	ON
	CLOSE VERIFY	BLIP gate BLIP gate is	CLOSED
ш	PLACE	Linac in Controlled Access (CA) at encl 4880 with BNL-3 key and	CLOSED
	VEDIEV	P/B Linac is in	CA
	VERIFY	Linac is in	CA
	VERIFY	At BLIP gate-box Gate Reset light is	OFF
	VERIFY VERIFY	At encl 4880 relays <b>IK9</b> □ and <b>EK4</b> □ are At encl 4880 <b>N/Locked</b> light is	OFF ON
	VERIF I	At enci 4880 IV Locked light is	ON
	RESET	BLIP Gate with ME-17 key	
	VERIFY	At BLIP gate-box Gate Reset light is	ON
	VERIFY	At encl 4880 relays <b>IK9</b> $\square$ and <b>EK4</b> $\square$ are	ON
	VERIFY	At encl 4880 <b>N/Locked</b> light is	OFF
	VERIFY	Attempt to open gate with MCR S/R and local P/B	SUCCESSFUL
	VERIFY	At BLIP gate-box Gate Reset light is	OFF
	VERIFY	At encl 4880 relays <b>IK9</b> $\square$ and <b>EK4</b> $\square$ are	OFF
	VERIFY CLOSE	At encl 4880 <b>N/Locked</b> light is <b>BLIP</b> gate	ON
	CLOSE	DLIF gate	
[	☐ Check fo	or acceptance of Test of BLIP gate	
Test	of Plug Doo	or (PD)Gate	
	VERIFY	Hardware □, Electrical □ at <b>PD</b> gate is Linac in Restricted Access ( <b>RA</b> ) at encl <b>4880</b> with <b>BNL-3</b> key and	O.K.
	PLACE	green P/B	
	VERIFY	Linac is in	RA
	CLOSE	At encl 4880 relay <b>DK2</b>	
	VERIFY	Beam Disabled lights at PD gate inside and outside are	ON
	VERIFY	Beam Operational lights at PD gate inside and outside are	OFF
	OPEN VERIFY	At encl 4880 relay <b>DK2 Beam Disabled</b> lights at <b>PD</b> gate inside and outside are	OFF
	VERIFY	Beam Operational lights at PD gate inside and outside are	ON
		At the PD gate Outside Control Station(OCS) encl M14A23A3 Push the Black Open PB	
	VERIFY	At encl M14A23A5 the Clear to Open Light is	ON
	VERIFY	At encl M14A23A3 the <b>Bolt</b> Light is	OFF
	PUSH	The Stop PB in the Outside Plug Door Control Box (OPDCB) encl	
_	T/EDIES/	M14A23A5	EAT
	VERIFY RELEASE	Attempt to open PD gate with BNL-3 key in the OPDCB The Stop PB	FAIL

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CLOSE VERIFY OPEN	The <b>Right Bumper</b> switch Attempt to open <b>PD</b> gate with <b>BNL-3</b> key in the <b>OPDCB</b> The <b>Right Bumper</b> switch	FAIL
CLOSE VERIFY OPEN	The <b>Left Bumper</b> switch Attempt to open <b>PD</b> gate with <b>BNL-3</b> key in the <b>OPDCB</b> The <b>Left Bumper</b> switch	FAIL
CLOSE VERIFY OPEN	The <b>One Open Limit</b> switch Attempt to open <b>PD</b> gate with <b>BNL-3</b> key in the <b>OPDCB</b> The <b>One Open Limit</b> switch	FAIL
CLOSE VERIFY OPEN	The <b>Other Open Limit</b> switch Attempt to open <b>PD</b> gate with <b>BNL-3</b> key in the <b>OPDCB</b> The <b>Other Open Limit</b> switch	FAIL
VERIFY	Attempt to open the PD gate with the BNL-3 key in the OPDCB	SUCCESSFUL
VERIFY VERIFY CLOSE VERIFY OPEN	At the PD gate OCS lock the PD gate with the BNL-3 key At encl M14A23A5 the Clear to Open Light is At encl M14A23A3 the Bolt Light is The One Close Limit switch Attempt to close PD gate with Close in the OPDCB The One Close Limit switch	OFF ON FAIL
CLOSE VERIFY OPEN	The Other Close Limit switch Attempt to close PD gate with Close PB in the OPDCB The Other Close Limit switch	FAIL
REMOVE VERIFY VERIFY VERIFY	Outside Crash Glass box glass At encl 4880 relay EK1 is PD Gate Crash light at encl 4880 is Crash light at PD gate Attempt to close PD gate with Close PB in the OPDCB	OFF ON OFF FAIL
VERIFY VERIFY VERIFY	At encl 4880 relay EK1 is PD Gate Crash light at encl 4880 is Crash light at PD gate	ON OFF
VERIFY VERIFY VERIFY  REPLACE VERIFY VERIFY	At encl 4880 relay EK1 is  PD Gate Crash light at encl 4880 is  Crash light at PD gate  Attempt to close PD gate with Close PB in the OPDCB  Outside Crash Glass glass  At encl 4880 relay EK1 is  PD Gate Crash light at encl 4880 is	ON OFF FAIL ON OFF
VERIFY VERIFY VERIFY REPLACE VERIFY	At encl 4880 relay EK1 is PD Gate Crash light at encl 4880 is Crash light at PD gate Attempt to close PD gate with Close PB in the OPDCB  Outside Crash Glass glass At encl 4880 relay EK1 is PD Gate Crash light at encl 4880 is Crash light at PD gate is  Inside Crash Glass box glass At encl 4880 relay EK1 is PD Gate Crash light at encl 4880 is Crash light at PD gate Attempt to close PD gate with Close PB in the OPDCB Inside Crash Glass glass At encl 4880 relay EK1 is PD Gate Crash light at encl 4880 is	ON OFF FAIL  ON OFF ON OFF FAIL  ON OFF

	VERIFY	At PD gate Door Switch light is	OFF	
	OPEN VERIFY VERIFY VERIFY CLOSE VERIFY VERIFY	Gate <b>redundant</b> ( <b>GR</b> ) MS near Swing gate At encl 4880 relay <b>EK2</b> is At encl 4880 <b>PD</b> Door Redun. N/Closed light is <b>GR</b> light at <b>PD</b> gate is <b>GR</b> MS At encl 4880 relay <b>EK2</b> is At encl 4880 <b>PD</b> Door Redun. N/Closed light is <b>GR</b> light at <b>PD</b> gate is	OFF ON OFF ON OFF	
	CLOSE VERIFY VERIFY	PD gate Alarm sounds while PD is PD is	CLOSING CLOSED	
	PLACE	Linac in Controlled Access (CA) at encl 4880 with BNL-3 key and		
	VERIFY	P/B Linac is in	CA	
	VERIFY VERIFY VERIFY VERIFY	At PD OCS N/Reset light is At PD OCS Reset light is At encl 4880 relay DK12 is At encl 4880 N/Reset light is	ON OFF OFF ON	
	RESET	PD Gate at PD OCS with BNL-3 key		Ì
_ _ _ _	VERIFY VERIFY VERIFY VERIFY	At PD OCS N/Reset light is At PD OCS Reset light is At encl 4880 relay DK12 is At encl 4880 N/Reset light is	OFF ON ON OFF	
	VERIFY	Attempt to open gate at PD OCS with MCR S/R and the BNL-3 key to start the process	SUCCESSFUL	
	VERIFY VERIFY VERIFY	Alarm sounds while PD is At PD OCS Reset light is At encl 4880 relay DK12 is At encl 4880 N/Reset light is	OPENING OFF OFF ON	
	TRIP VERIFY	PD <b>Bumper</b> PD <b>stops</b>	OPENING	
	RESUME VERIFY	PD opening PD continues to	OPEN	
_ _ _	VERIFY VERIFY VERIFY	At the <b>PD</b> gate <b>Inside Control Station(ICS)</b> encl M14A23A2 turn the <b>BNL-3</b> key <b>CCW</b> At encl M14A23A4 the <b>Clear to Open</b> Light is At encl M14A23A2 the <b>Bolt</b> Light is Attempt to close gate with <b>Close PB</b> in the <b>Inside Plug Door Control Box (IPDCB)</b> encl M14A23A4	OFF ON SUCCESSFUL	
_ _ _	VERIFY VERIFY VERIFY VERIFY	At PD ICS N/Reset light is At PD ICS Reset light is At encl 4880 relay DK12 is At encl 4880 N/Reset light is	ON OFF OFF ON	
. = .	RESET	PD Gate at PD ICS with BNL-3 key	<b>-</b>	
A 0.T	N & A CDCD 4 4 4	20.72.1 (37)	D '' 01	

		VERIFY	At PD ICS N/Reset light is	OFF
		VERIFY	At PD ICS Reset light is	ON
		VERIFY	At encl 4880 relay <b>DK12</b> is	ON
		VERIFY	At encl 4880 <b>N/Reset</b> light is	OFF
			•	
			At the PD gate ICS turn the BNL-3 key CW	
		VERIFY	At encl M14A23A4 the Clear to Open Light is	ON
		VERIFY	At encl M14A23A2 the <b>Bolt</b> Light is	OFF
			At the PD gate ICS turn the BNL-3 key CCW	
		VERIFY	At encl M14A23A4 the Clear to Open Light is	OFF
		VERIFY	At encl M14A23A2 the <b>Bolt</b> Light is	ON
		PLACE	Linac in Restricted Access (RA) at encl 4880 with BNL-3 key and	
		VEDIEV	green P/B Linac is in	D A
		VERIFY	Linac is in	RA
			At the PD gate ICS Push the Black Open PB	
		VERIFY	At encl M14A23A4 the Clear to Open Light is	ON
		VERIFY	At encl M14A23A2 the <b>Bolt</b> Light is	OFF
		PUSH	The <b>Stop PB</b> in the <b>IPDCB</b>	
		VERIFY	Attempt to open <b>PD</b> gate with the <b>Open PB</b> in the <b>IPDCB</b>	FAIL
		RELEASE	The Stop PB	
		VERIFY	Attempt to open <b>PD</b> gate with the <b>Open PB</b> in the <b>IPDCB</b>	SUCCESSFUL
		LEAVE	PD <b>open</b>	
		☐ Check fo	or acceptance of Test of Plug Door gate	
1.6	Т	est of Plug D	Ooor Swing (PDS) gate	
1.0	•	est of Flug D	our swing (125) gate	
		VERIFY	Hardware □, Electrical □ at <b>PDS</b> gate is	O.K.
		~-		
			L'annia Destricted Anna (DA) et and 4000 cid DNI 21 and	
		PLACE	Linac in Restricted Access (RA) at encl 4880 with BNL-3 key and	
	П		green P/B	RA
		PLACE VERIFY		RA
			green P/B	RA SUCCESSFUL
		VERIFY VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key	
		VERIFY VERIFY OPEN	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch	SUCCESSFUL
		VERIFY VERIFY OPEN VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is	SUCCESSFUL
		VERIFY VERIFY OPEN VERIFY VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is	SUCCESSFUL
		VERIFY VERIFY OPEN VERIFY VERIFY CLOSE	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch	SUCCESSFUL OFF ON
		VERIFY VERIFY OPEN VERIFY VERIFY CLOSE VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch At encl 4880 relay EK3 is	SUCCESSFUL  OFF ON ON
		VERIFY VERIFY OPEN VERIFY VERIFY CLOSE	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch	SUCCESSFUL OFF ON
		VERIFY VERIFY OPEN VERIFY VERIFY CLOSE VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch At encl 4880 relay EK3 is	SUCCESSFUL  OFF ON ON
		VERIFY VERIFY OPEN VERIFY CLOSE VERIFY VERIFY VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch At encl 4880 relay EK3 is At encl 4880 relay EK3 is At encl 4880 relay EK3 is	SUCCESSFUL  OFF ON ON
		VERIFY VERIFY OPEN VERIFY VERIFY CLOSE VERIFY VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch At encl 4880 relay EK3 is At encl 4880 relay EK3 is At encl 4880 relay EK3 is	SUCCESSFUL  OFF ON ON OFF
		VERIFY VERIFY OPEN VERIFY CLOSE VERIFY VERIFY OPEN VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch At encl 4880 relay EK3 is	SUCCESSFUL  OFF ON ON OFF
		VERIFY VERIFY OPEN VERIFY CLOSE VERIFY VERIFY OPEN VERIFY VERIFY	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch At encl 4880 relay EK3 is At encl 4880 relay EK3 is At encl 4880 N/Locked light is  PDS gate switch At encl 4880 relay EK3 is At encl 4880 relay EK3 is At encl 4880 relay EK3 is	SUCCESSFUL  OFF ON ON OFF
		VERIFY VERIFY VERIFY CLOSE VERIFY VERIFY VERIFY VERIFY CLOSE	green P/B Linac is in  Attempt to open PDS gate with AA256 key  Crash Glass switch At encl 4880 relay EK3 is At encl 4880 N/Locked light is Crash Glass switch At encl 4880 relay EK3 is At encl 4880 relay EK3 is At encl 4880 N/Locked light is  PDS gate switch At encl 4880 relay EK3 is At encl 4880 relay EK3 is At encl 4880 relay EK3 is	SUCCESSFUL  OFF ON  ON OFF  OFF

	OPEN VERIFY	PDS gate At encl 4880 relay EK3 is	OFF
		At encl 4880 <b>N/Locked</b> light is	ON
_	CLOSE	PDS gate	
		At encl 4880 relay EK3 is	ON
	VERIFY	At encl 4880 <b>N/Locked</b> light is	OFF
	PLACE	Linac in Controlled Access (CA) at encl 4880 with BNL-3 key and P/B	I
	<b>VERIFY</b>	Linac is in	CA
	VERIFY	Attempt to open PDS gate with AA256 key with NO MCR S/R	SUCCESSFUL
[	□ Check f	for acceptance of Test of Plug Door Swing (PDS) gate	
1.7 Tes	et of Tank 1	(TK1) gate	
	VERIFY	Hardware □, Electrical □ at <b>TK1</b> gate is	O.K.
	PLACE	Linac in Restricted Access (RA) at encl 4880 with BNL-3 key and green P/B	O.K.
	VERIFY	Rest Access lights at TK1 gate inside and outside are	ON
	<b>VERIFY</b>	Linac is in	RA
	OT OOE	A. 14000 1 DVA	
	CLOSE VERIFY	At encl 4880 relay <b>DK2 Beam Disabled</b> lights at <b>TK1</b> gate inside and outside are	ON
	VERIFY VERIFY	Beam Operational lights at TK1 gate inside and outside are	OFF
Ц	OPEN	At encl 4880 relay <b>DK2</b>	011
	VERIFY	Beam Disabled lights at TK1 gate inside and outside are	OFF
	VERIFY	Beam Operational lights at TK1 gate inside and outside are	ON
	VERIFY	Attempt to open TK1 gate with AA256 key and P/B for Slide-bolt	SUCCESSFUL
	OPEN	Crash Glass switch	
	<b>VERIFY</b>	At encl 4880 relay DK4 is	OFF
	VERIFY	<b>TK1</b> Prime Crash light at encl <b>4880</b> is	ON
	VERIFY	Crash lights at TK1 gate inside and outside are	OFF
	CLOSE VERIFY	Crash Glass switch and leave closed	ON
	VERIFY	At encl 4880 relay <b>DK4</b> is <b>TK1</b> Prime Crash light at encl <b>4880</b> is	OFF
	VERIFY	Crash lights at TK1 gate inside and outside are	ON
	CLOSE NOTE	Tank 9 gate COMPLETE TEST OF GATE AND ELECTRIC STRIKE SWITCHS IN UNDER 2 MINIUTES OR HOLD GATE REDUNDANT MS CLOSED	
_	PLACE	Linac in Tank RF Controlled Access at encl 4880 with ME-16 key	
	VERIFY VERIFY	At anal 4880 ralays <b>FK3</b> and <b>CK3</b> are	OFF ON
	V EKIT Y	At encl 4880 relays <b>FK3</b> $\square$ and <b>CK2</b> $\square$ are	UN
	HOLD	Gate MS, Electric Strike (ES) and Barrier (BS)	CLOSED
	VERIFY	inside and outside are	ON
	VERIFY	Attempt to Reset TK1 Gate with ME-16 key for RF	SUCCESSFUL
	OPEN	Gate MS	0==
	VERIFY	Door Switch lights inside and outside are	OFF
	VERIFY	Attempt to <b>Reset TK1</b> Gate with <b>ME-16</b> key for <b>RF</b>	FAIL
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CLOSE VERIFY	Gate MS and hold Gate lamps inside and outside are	CLOSED ON	
VERIFY OPEN	Attempt to <b>Reset TK1</b> Gate with <b>ME-16</b> key for <b>RF BS</b>	SUCCESSFUL	
VERIFY	Door Switch lights inside and outside are	OFF	
VERIFY	Attempt to Reset TK1 Gate with ME-16 key for RF	FAIL	
CLOSE	BS and hold	CLOSED	
VERIFY	Gate lamps inside and outside are	ON	
VERIFY OPEN	Attempt to <b>Reset TK1</b> Gate with <b>ME-16</b> key for <b>RF ES</b>	SUCCESSFUL	
VERIFY	Attempt to <b>Reset TK1</b> Gate with <b>ME-16</b> key for <b>RF</b>	FAIL	
VERIFY	Gate lamps inside and outside are	ON	
OPEN	Gate redundant (GR) MS		
VERIFY	At encl 4880 relay <b>DK5</b> is	OFF	
VERIFY	At encl 4880 <b>TK1</b> Door Redun. N/Closed light is	ON	
VERIFY	GR lights at TK1 gate inside and outside are	OFF	
CLOSE	GR MS		
VERIFY	At encl 4880 relay <b>DK5</b> is	ON	
VERIFY	At encl 4880 <b>TK1</b> Door Redun. N/Closed light is	OFF	1
VERIFY	GR lights at TK1 gate inside and outside are	ON	
CLOSE	TK1 gate		
VERIFY	TK1 gate is	CLOSED	
PLACE	Linac in Controlled Access (CA) at encl 4880 with BNL-3 key and P/B		
VERIFY	Linac is in	CA	
VERIFY	Rest Access lights at TK1 gate inside and outside are	OFF	
RESET	Tank 9 gate for beam		
VERIFY	At <b>TK1</b> outside gate-box <b>Reset</b> light is	OFF	
VERIFY	At encl 4880 relays <b>DK3</b> □ and <b>IK10</b> □ are	OFF	
VERIFY	At encl 4880 □ <b>N/Reset</b> lights and at outside gate-box □ <b>N/Reset</b> are	ON	
VERIFY	At TK1 outside gate-box RF Reset light is	OFF	
VERIFY	At <b>TK1</b> outside gate-box <b>Bolt Switch</b> light is	OFF	
VERIFY	At <b>TK1</b> outside gate-box <b>No Prev Entry</b> light is	OFF	
VERIFY	At encl 4880 relay <b>DK6</b> is	OFF	
RESET	TK1 Gate with BNL-3 key in the outside gate-box		
VERIFY	At TK1 outside gate-box Reset light is	ON	
VERIFY	At encl 4880 relays <b>DK3</b> $\square$ and <b>IK10</b> $\square$ are	ON	
VERIFY	At encl 4880 □ <b>N/Reset</b> light and at outside gate-box □ <b>N/Reset</b> are	OFF	
VERIFY	At <b>TK1</b> outside gate-box <b>RF Reset</b> light is	ON	
VERIFY	At <b>TK1</b> outside gate-box <b>Bolt Switch</b> light is	ON	
VERIFY	At TK1 outside gate-box No Prev Entry light is	ON	
VERIFY	At encl 4880 relay <b>DK6</b> is	ON	
VERIFY	DK2, Linac Safely OFF, is	ON	
VERIFY	Attempt to open gate with MCR S/R, BNL-3 key for Slide-bolt and	aa-a	
CLOSE	ME-17 key for Electric Strike in that order TK1 gate	SUCCESSFUL	
VERIFY	At <b>TK1</b> outside gate-box <b>Reset</b> light is	OFF	
VERIFY	At encl 4880 relay <b>DK3</b> □ and <b>IK10</b> □ are	OFF	
VERIFY	At encl 4880 $\square$ <b>N/Reset</b> light and at outside gate-box $\square$ <b>N/Reset</b> is	ON	
VERIFY	At <b>TK1</b> outside gate-box <b>RF Reset</b> light is	OFF	
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VERIFY	At TK1 outside gate-box Bolt Switch light is	OFF
VERIFY	At TK1 outside gate-box No Prev Entry light is	OFF
VERIFY	At encl 4880 relay <b>DK6</b> is	OFF
VERIFY	At <b>TK1</b> inside gate-box <b>Reset</b> light is	OFF
VERIFY	At encl 4880 relays <b>DK3</b> $\square$ and <b>IK10</b> $\square$ are	OFF
VERIFY	At encl 4880 □ N/Reset lights and at inside gate-box □ N/Reset are	ON
VERIFY	At TK1 inside gate-box RF Reset light is	OFF
VERIFY	At TK1 inside gate-box Bolt Switch light is	OFF
VERIFY	At TK1 inside gate-box No Prev Entry light is	OFF
VERIFY	At encl 4880 relay <b>DK6</b> is	OFF
RESET	TK1 Gate with BNL-3 key in the outside gate-box	
VERIFY	At <b>TK1</b> inside gate-box <b>Reset</b> light is	ON
VERIFY	At encl 4880 relays <b>DK3</b> $\square$ and <b>IK10</b> $\square$ are	ON
VERIFY	At encl 4880 □ <b>N/Reset</b> light and at inside gate-box □ <b>N/Reset</b> are	OFF
VERIFY	At TK1 inside gate-box RF Reset light is	ON
VERIFY	At TK1 inside gate-box Bolt Switch light is	ON
VERIFY	At TK1 inside gate-box No Prev Entry light is	ON
VERIFY	At encl 4880 relay <b>DK6</b> is	ON
VERIFY	DK2, Linac Safely OFF, is	ON
VERIFY	Attempt to open gate with MCR S/R, BNL-3 key for Slide-bolt and	
	ME-17 key for Electric Strike in that order	SUCCESSFUL
CLOSE	TK1 gate	
VERIFY	At TK1 inside gate-box Reset light is	OFF
VERIFY	At encl 4880 relay <b>DK3</b> $\square$ and <b>IK10</b> $\square$ are	OFF
VERIFY	At encl 4880 □ <b>N/Reset</b> light and at inside gate-box □ <b>N/Reset</b> is	ON
VERIFY	At <b>TK1</b> inside gate-box <b>RF Reset</b> light is	OFF
VERIFY	At <b>TK1</b> inside gate-box <b>Bolt Switch</b> light is	OFF
VERIFY	At <b>TK1</b> inside gate-box <b>No Prev Entry</b> light is	OFF
VERIFY	At encl 4880 relay <b>DK6</b> is	OFF
PLACE	Linac in RA at encl 4880 with BNL-3 key and P/B	
VERIFY	Linac is in	RA
PLACE	Linac in <b>RF</b> Controlled Access ( <b>RFCA</b> ) at encl <b>4880</b> with <b>ME-16</b> key	
VERIFY	turned <b>right</b> Linac is in	RFCA
RESET	TK1 Gate with ME-16 key for RF in outside gate box	
VERIFY	At <b>TK1</b> outside gate-box <b>RF Reset</b> light is	ON
VERIFY	At encl 4880 relay <b>DK6</b> is	ON
VERIFY	Attempt to open gate with ME-17 key	FAIL
VERIFY	Attempt to open gate with ME-16 key	SUCCESSFUL
VERIFY	At <b>TK1</b> outside gate-box <b>RF Reset</b> light is	OFF
VERIFY	At encl 4880 relay <b>DK6</b> is	OFF
RESET	TK1 Gate with ME-16 key for RF in inside gate box	
VERIFY	At TK1 inside gate-box RF Reset light is	ON

	VERIFY	At encl 4880 relay <b>DK6</b> is	ON	
	VERIFY	Attempt to open gate with ME-16 key	SUCCESSFUL	
	VERIFY VERIFY	At <b>TK1</b> inside gate-box <b>RF Reset</b> light is At encl 4880 relay <b>DK6</b> is	OFF OFF	
	CLOSE	TK1 gate		
	□ Check f	For acceptance of Test of TK1 gate		
1.8 Te	st of Tank 9	(TK9) gate		
	VERIFY PLACE	Hardware □, Electrical □ at <b>TK9</b> gate is Linac in Restricted Access ( <b>RA</b> ) at encl <b>4880</b> with <b>BNL-3</b> key and green <b>B/P</b> .	О.К.	
	VERIFY	green P/B Linac is in	RA	
	VERIFY	Attempt to open TK9 gate with P/B	SUCCESSFUL	
	HOLD	Gate MS and Electric Strike (ES)	CLOSED	•
	VERIFY	Gate lamp is	ON	
	OPEN VERIFY	Gate MS Gate lamp is	OFF	ĺ
	CLOSE	Gate MS and hold	CLOSED	ı
	VERIFY	Gate lamp is	ON	
	OPEN	ES		
	VERIFY	Gate lamp is	OFF	
	CLOSE	TK9 gate		
	VERIFY	TK9 gate is	CLOSED	
	PLACE	Linac in Controlled Access (CA) at encl 4880 with BNL-3 key and P/B		
	VERIFY	Linac is in	CA	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for Beam</b> light is	OFF	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for RF</b> light is	OFF	
	VERIFY	At encl 4880 relay <b>DK7</b> □ and <b>IK7</b> □ is	OFF	
	VERIFY	At encl 4880 <b>N/Locked</b> light is	ON	
	VERIFY	Attempt to <b>Reset TK9</b> Gate with <b>ME-17</b> key for <b>beam</b> in the inside gate-box	FAIL	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for Beam</b> light is	OFF	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for RF</b> light is	OFF	
	VERIFY	At encl 4880 relay <b>DK7</b> $\square$ and <b>IK7</b> $\square$ is	OFF	
	VERIFY	At encl 4880 <b>N/Locked</b> light is	ON	
_	CLOSE	At encl 4880 relays <b>IK9</b> and <b>IK8</b>	aria angantii	1
	VERIFY	Attempt to <b>Reset TK9</b> Gate with <b>ME-17</b> key for <b>beam</b> in the inside	SUCCESSFUL	
	OPEN	gate-box At encl 4880 relays <b>IK9</b> and <b>IK8</b>		I
П	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for Beam</b> light is	ON	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for RF</b> light is	ON ON	
	VERIFY	At encl 4880 relays <b>DK7</b> and <b>IK7</b> are	ON	
	VERIFY	At encl 4880 N/Locked light is	OFF	
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	VERIFY CLOSE	Attempt to open gate with <b>ME-17</b> key in the outside gate-box <b>TK9</b> gate	SUCCESSFUL	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for Beam</b> light is	OFF	
	VERIFY	At <b>TK9</b> outside gate-box <b>Reset for RF</b> light is	OFF	
	VERIFY	At encl 4880 relay <b>DK7</b> $\square$ and <b>IK7</b> $\square$ is	OFF	
	VERIFY	At encl 4880 N/Locked light is	ON	
	VERIFY	Attempt to <b>Reset TK9</b> Gate with <b>ME-17</b> key for <b>beam</b> in the outside gate-box	FAIL	
	VERIFY	At TK9 inside gate-box Reset for Beam light is	OFF	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for RF</b> light is	OFF	
	VERIFY	At encl 4880 relay <b>DK7</b> □ and <b>IK7</b> □ is	OFF	
	VERIFY	At encl 4880 <b>N/Locked</b> light is	ON	
	CLOSE	At encl 4880 relays IK9 and IK8		
	VERIFY	Attempt to <b>Reset TK9</b> Gate with <b>ME-17</b> key for <b>beam</b> in the outside gate-box	SUCCESSFUL	
	OPEN	At encl 4880 relays <b>IK9</b> and <b>IK8</b>		
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for Beam</b> light is	ON	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for RF</b> light is	ON	
	VERIFY	At encl 4880 relays <b>DK7</b> $\square$ and <b>IK7</b> $\square$ are	ON	
	VERIFY	At encl 4880 <b>N/Locked</b> light is	OFF	
	VERIFY CLOSE	Attempt to open gate with <b>ME-17</b> key in the outside gate-box <b>TK9</b> gate	SUCCESSFUL	
	PLACE	Linac in Restricted Access (RA) at encl 4880 with BNL-3 key and green P/B		
	VERIFY	Linac is in	RA	
	CLOSE	Gates TK9 and TK1		
	PLACE	Linac in Tank RF Controlled Access at encl 4880 with ME-16 key		
	VERIFY	At encl 4880 relay <b>IK6 is</b>	OFF	
	VERIFY	At encl 4880 relays <b>FK3</b> $\square$ and <b>CK2</b> $\square$ are	ON	
	VERIFY	Attempt to <b>Reset TK9</b> Gate with <b>ME-17</b> key for <b>beam</b> in the inside gate-box	FAIL	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for Beam</b> light is	OFF	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset for RF</b> light is	OFF	
	<b>VERIFY</b>	At encl 4880 relay <b>DK7</b> □ and <b>IK7</b> □ is	OFF	
	VERIFY	At encl 4880 N/Locked light is	ON	
	VERIFY	Attempt to <b>Reset TK9</b> Gate with <b>ME-16</b> key for <b>RF</b> in the inside gatebox	SUCCESSFUL	
	VERIFY	At TK9 inside gate-box Reset light is	ON	
	VERIFY	At encl 4880 relay <b>IK3</b> is	ON	
	VERIFY	At encl 4880 <b>N/Locked</b> light is	OFF	
	VERIFY	Attempt to open gate with ME-16 key in the outside gate-box	SUCCESSFUL	
	VERIFY	At <b>TK9</b> inside gate-box <b>Reset</b> light is	OFF	
	VERIFY	At encl 4880 relay <b>IK3</b> is	OFF	
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		At elici 4000 IV Locked light is	ON
	□ VERIFY	Attempt to <b>Reset TK9</b> Gate with <b>ME-16</b> key for <b>RF</b> in the outsid gate-box	e SUCCESSFUL
	□ VERIFY	At <b>TK9</b> outside gate-box <b>Reset</b> light is	ON
	□ VERIFY	At encl 4880 relay <b>IK3</b> is	ON
	□ VERIFY	At encl 4880 N/Locked light is	OFF
	□ VERIFY HOLD	Attempt to open gate with <b>ME-16</b> key in the outside gate-box <b>TK9</b> gate for > then 2 minutes	SUCCESSFUL
	□ VERIFY	At encl 4880 relays <b>FK3</b> $\square$ and <b>CK2</b> $\square$ are	OFF
	CLOSE	TK9 gate	
	□ Check	for acceptance of Test of TK9 gate	
1.0	T. A. CMOD CO		
1.9	Test of MCR Si	imultaneous Release	
	GIVE	Simultaneous Release from MCR	
	□ <b>VERIFY</b>	At encl 4880 relay <b>BK8</b> is	ON
	□ Check f	for acceptance of Test of MCR Simultaneous Release.	
		END OF THESE PROCEDURE	
		END OF TEST PROCEDURE	
	TTL: Sign fo	or completion of initial testing:	
		Date	://
	TTL: Sign fo	or completion of final testing:	
		Date	://